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REPORT Statistical

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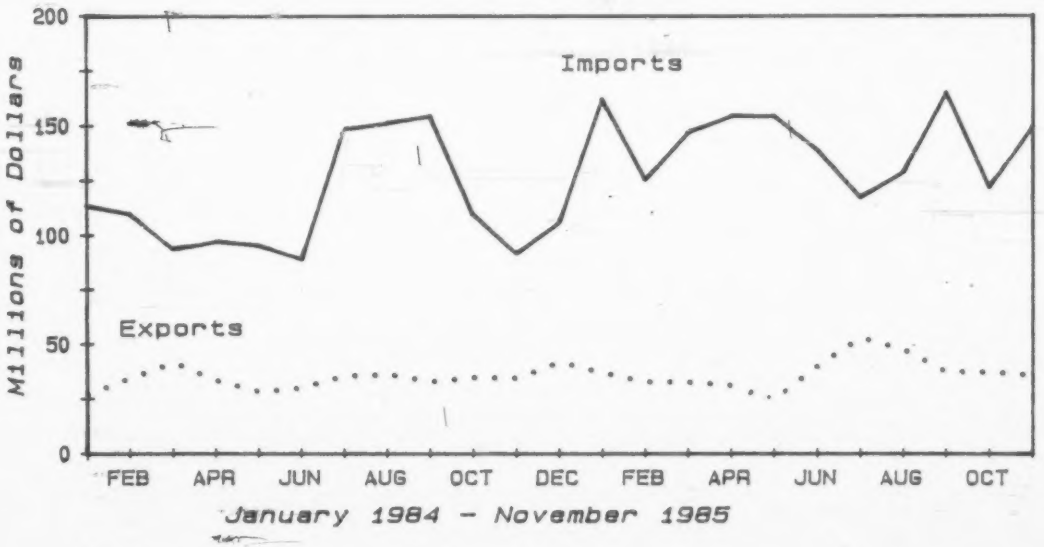
U.S. FOREIGN TRADE IN MACHINE TOOLS NOVEMBER 1985

U.S. foreign trade in machine tools during November 1985 produced a trade deficit of $113.9 million for the month, bringing the total deficit for eleven months to $1,157.0 million. Compared to October 1985, U.S. exports declined 4% as imports increased 23%. Year-to-date machine tool exports of $406.7 million were 11% above the first eleven months of 1984. U.S. imports gained 25% from the same period last year and stood at $1,563.7 million.

U.S. Machine Tool Trade
($Millions)

	November 1985			11 Months 1985		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 23.9	$ 110.6	($ 86.7)	$ 255.6	$1,247.0	($ 991.4)
Metal Forming	$ 11.6	$ 38.8	($ 27.2)	$ 151.1	$ 316.7	($ 165.6)
Total	$ 35.5	$ 149.4	($ 113.9)	$ 406.7	$1,563.7	($1,157.0)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



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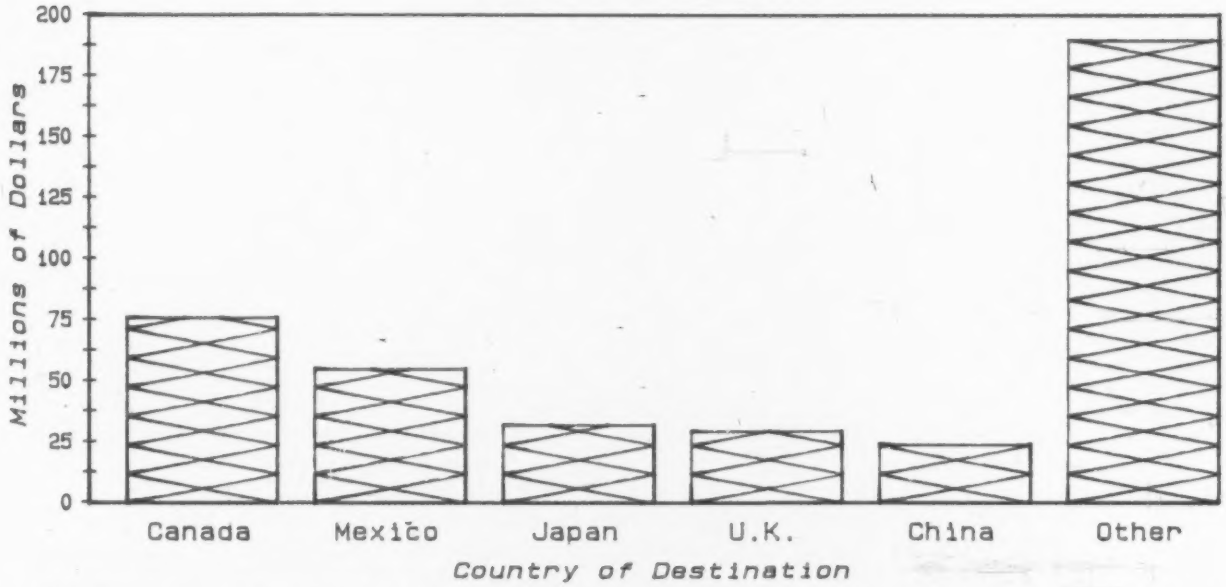
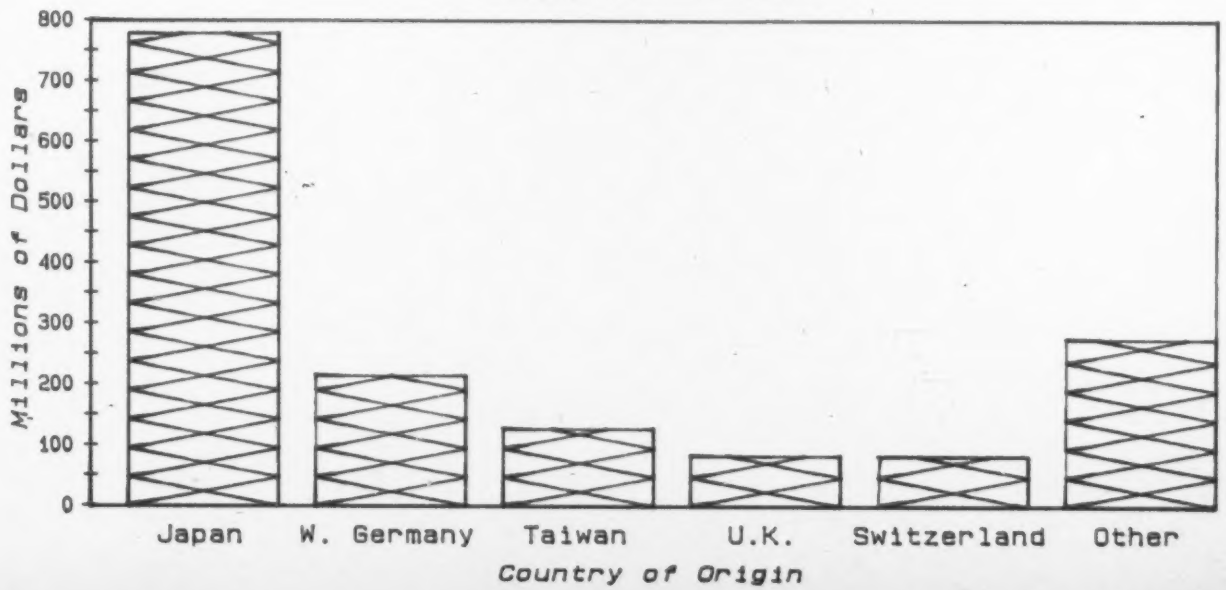
Compared to October U.S. Exports of metal cutting machine tools increased 5% and the eleven month total for 1985 was 15% above last year's level. Exports of metal forming machines dropped 19% from October with the year-to-date total increasing 3% above the first eleven months of 1984. For January through November 1985, the leading export markets were (in millions): Canada ($76.0), Mexico ($55.1), Japan ($32.1), the United Kingdom ($29.6) and China ($24.0).

U.S. EXPORTS
1985, Year to Date



U.S. Imports of metal cutting machine tools in November were 15% above October's level and metal forming imports increased 52%. Compared to the first eleven months of 1984, imports of metal cutting machinery increased 27% with metal forming imports rising 16%. Leading exporters to the U.S. during the first eleven months of 1985 were (in millions): Japan ($778.6), West Germany ($214.9), Taiwan ($127.6), the United Kingdom ($83.7) and Switzerland ($82.7).

U.S. IMPORTS
1985, Year to Date



U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1985

RELEASED: FEBRUARY 26,1986

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	73	7863	6	577
3035	Gear Shapers	7	688	0	0
3045	Gear Cutting Machines, N.E.C.	16	872	4	154
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	2628	178840	215	13487
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	194	14870	22	1580
3409	Horizontal Machining Centers, ATC, NC	632	72052	53	5524
3411	Machining Centers, NC, N.E.C.	355	32930	45	4817
3412	Single Station and Multi-Station Transfer Machines	81	18273	5	877
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	16	3175	3	655
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	31	3648	3	289
3419	Vertical Boring-Drilling-Milling Machines, NC	133	9025	25	1581
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	22	1412	4	152
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	85	5878	7	889
3328	Drilling Machines, NC	167	11024	18	1104
3329	Drilling Machines, Multi-Spindle, Non-NC	44	2298	4	157
3334	Drilling Machines, Radial, Non-NC	413	2444	33	175
3336	Drilling Machines, Upright, Single Spindle, Non-NC	53	878	2	11
3342	Drilling Machines, Non-NC, N.E.C.	537	13013	30	438
3464	Milling Machines, NC	421	37117	32	4124
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	57	4410	3	225
3467	Milling Machines, Knee Type, Non-NC	3963	22441	167	1503
3468	Milling Machines, Bed Type, Non-NC	350	24259	6	333
3469	Milling Machines, Non-NC, N.E.C.	2477	35890	99	1217
3476	Vertical Boring Machines, Incl. VTL's, NC	23	3820	5	1141
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	133	2193	3	32
3481	Boring Machines, NC, N.E.C.	25	4050	0	0
3483	Boring Machines, Non-NC N.E.C.	322	9945	36	815
3507	Horizontal Lathes, NC, Less Than 25 HP	2879	146040	253	13467
3509	Horizontal Lathes, NC, 25-50 HP	741	60735	77	6498
3511	Horizontal Lathes, NC, Over 50 HP	61	8438	1	128
3512	Horizontal Engine & Toolroom Lathes, Non-NC	4001	32297	307	2261
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	205	7971	15	337
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	127	5325	41	792
3515	Automatic Bar Machines, Single Spindle, Non-NC	135	2058	6	83
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	45	3129	2	152
3518	Horizontal Lathes, Non-NC, N.E.C.	268	6018	40	476
3521	Vertical Lathes, Excl. VTL's, NC	270	17233	29	2060
3522	Vertical Lathes, Excl. VTL's, Non-NC	2292	29359	174	2783
3527	Gear Tooth Grinding & Finishing Machines	180	9221	14	164
3528	Tool & Cutter Grinding Machines, NC	24	1120	4	196
3529	Tool & Cutter Grinding Machines, Non-NC	1202	15807	151	2398
3533	Honing & Lapping Machines	231	7283	13	595
3539	Grinding Machines, Flat Surface, NC	54	4037	0	0
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	893	11172	54	1176
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1871	25927	218	2489
3546	Grinding & Polishing Machines, NC, N.E.C.	105	10654	25	1891
3554	External Grinding Machines, Non-NC	223	11659	15	1273
3556	Internal Grinding Machines, Non-NC	102	4019	6	267
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	255	9170	14	543
3559	Grinding Machines, Non-NC, N.E.C.	1238	32174	105	3344
3562	Traveling Wire Electrical Discharge Machines	937	49283	103	6283
3564	All Other Electrical Discharge Machines	384	19219	26	1857
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	97	4901	14	756
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	194	5668	14	1229
3576	Metal Cutting Machines Tools, NC, N.E.C.	22	3164	1	41
3577	Sawing & Cut-Off Machines, Non-NC	1645	22922	177	1723
3578	Broaching Machines, Non-NC	23	2973	0	0
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1126	26054	155	4016
4000	Metal Cutting Machine Tools, Used or Rebuilt*	7971	38382	404	2567
5000	Metal Cutting Machine Tools, Less Than $2500**	987887	90192	48615	6841
	TOTAL CUTTING			51903	110553
	TOTAL CUTTING YTD	1030946	1247027		
674:	METAL FORMING				
1010	Die Casting Machines	350	23019	21	2732
3582	Metal Forming Machine Tools, Used or Rebuilt	568	6437	17	207
3583	Metal Forming Machine Tools, Less Than $2500	70101	8635	2080	792
3584	Punching and Shearing Machines, Incl. Combination, NC	508	47877	26	2373
3586	Shearing Machines, Non-NC	816	14159	76	1025
3587	Punching & Combination Punching & Shearing Machines, Non-NC	720	10700	47	421
3588	Bending, Folding, Straightening & Flattening Machines, NC	189	11866	9	652
3589	Press Brakes, Non-NC	1100	24487	99	2442
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	187	2372	34	482
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	1166	23843	96	2561
3593	Metal Forming Machine Tools, NC, N.E.C.	33	3578	2	565
3594	Mechanical Presses, Non-NC	430	22897	18	1276
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	110	9546	3	65
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	459	35025	41	7484
3597	Headers & Upsetters, Non-NC	136	6431	11	668
3598	Forging Machines, Non-NC, N.E.C.	106	4185	3	335
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1664	61599	165	14767
	TOTAL FORMING			2748	38850
	TOTAL FORMING YTD	78643	316698		
	TOTAL ALL TYPES			54651	149403
	TOTAL ALL TYPES YTD	1109589	1563725		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1985

674:	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	1	36	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	1	380
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	5	28	0	0
3464	0	0	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	1	184	1	11
3476	0	0	0	0	0	0	0	0	1	300
3477	0	0	0	0	0	0	0	0	2	29
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	2	280	11	105
3507	0	0	0	0	0	0	2	119	0	0
3509	0	0	0	0	0	0	4	160	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	51	204	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	1	97	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3522	0	0	1	48	0	0	0	0	2	17
3527	0	0	0	0	0	0	0	0	11	126
3528	0	0	0	0	0	0	0	0	3	70
3529	0	0	0	0	0	0	0	0	6	63
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	26	242
3543	0	0	0	0	0	0	0	0	1	338
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	5	146
3559	0	0	0	0	13	45	0	0	19	810
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	10	377	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	2	6	0	0	0	0	2	50	10	38
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	5	27	0	0	1	223	10	48
4000	1	42	6	43	0	0	0	0	1	5
5000	119	97	15	17	72	79	439	145	468	86
CUT MO.	173	348	37	512	85	124	458	1322	578	2814
CUT YTD	2680	6144	1266	3297	1393	2580	4571	11680	6040	41540
1010	0	0	0	0	0	0	0	0	2	53
3582	0	0	0	0	0	0	1	41	0	0
3583	0	0	0	0	0	0	176	50	360	95
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	17	187	0	0	6	171	12	150
3587	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	1	77
3589	0	0	16	504	3	94	2	56	1	14
3591	1	81	0	0	0	0	1	25	6	17
3592	1	63	0	0	0	0	2	6	20	467
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	2	18	0	0	0	0	1	15	1	52
3597	0	0	0	0	0	0	0	0	1	73
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	0	0	5	178	21	6880
FRM MO.	4	162	33	690	3	94	194	541	425	7878
FRM YTD	410	1200	1217	6658	229	1606	1971	6084	19548	24626
TOT MO.	177	510	70	1203	88	218	652	1862	1003	10691
TOT YTD	3090	7344	2483	9954	1622	4186	6542	17764	25588	66165

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1985

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	44
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	1	774
3412	0	0	0	0	0	0	0	0	5	877
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	2	573	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	1	159	0	0	2	511
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	1	26
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	6	41	0	0
3464	0	0	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	109	648	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	10	142	1	47	6	106
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	1	172	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	1	23	0	0	2	50
3516	0	0	0	0	0	0	0	0	2	152
3518	0	0	0	0	4	12	0	0	6	144
3521	0	0	0	0	0	0	2	309	0	0
3522	0	0	0	0	0	0	0	0	3	149
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	1	292	0	0	0	0	0	0	12	210
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	3	145	2	294	8	227
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	4	607	1	141
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	2	351	0	0	0	0	1	4	6	168
3562	0	0	0	0	0	0	0	0	29	2361
3564	0	0	0	0	0	0	0	0	1	59
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	1	41
3577	6	53	5	89	0	0	2	7	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	18	82	1	6	3	379
4000	1	4	0	0	0	0	0	0	8	6
5000	167	171	0	0	10	18	359	174	326	48
CUT MO.	177	871	5	89	157	1401	380	2062	424	6471
CUT YTD	2228	6758	241	1164	2980	16275	2225	13801	14840	66202
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	17	3	0	0	0	0	68	34	87	67
3584	0	0	0	0	0	0	0	0	9	721
3586	2	22	0	0	0	0	0	0	0	0
3587	0	0	0	0	0	0	9	82	1	5
3588	0	0	0	0	0	0	0	0	1	195
3589	0	0	17	152	4	45	6	183	0	0
3591	0	0	0	0	0	0	14	255	0	0
3592	2	6	0	0	0	0	4	37	2	276
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	1	11	0	0	0	0	3	1447	1	4
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	1	13	0	0	1	5	2	72	16	838
FRM MO.	23	55	17	152	5	50	106	2110	117	2106
FRM YTD	878	3391	122	1290	1158	1825	9276	11812	1426	16474
TOT MO.	200	926	22	241	162	1451	486	4172	541	8577
TOT YTD	3106	10149	363	2454	4138	18100	11501	25613	16266	82676

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1985

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	5	533	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	3	118	0	0	0	0	0	0
3404	0	0	1	67	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	7	318	5	549	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	1	82	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	10	354	8	408	0	0	0	0	0	0
3422	0	0	2	95	0	0	0	0	0	0
3423	1	21	1	537	0	0	3	217	0	0
3328	0	0	2	245	0	0	0	0	0	0
3329	0	0	1	28	0	0	1	12	0	0
3334	0	0	1	10	0	0	0	0	0	0
3336	0	0	1	7	0	0	0	0	0	0
3342	3	84	5	121	0	0	2	11	0	0
3464	3	85	9	2217	0	0	0	0	0	0
3466	2	18	0	0	0	0	0	0	0	0
3467	4	297	0	0	0	0	7	160	0	0
3468	4	189	1	95	0	0	0	0	0	0
3469	1	6	17	247	0	0	0	0	1	23
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	2	152	4	216	0	0	0	0	0	0
3507	1	6	3	427	0	0	0	0	0	0
3509	0	0	12	1722	0	0	0	0	0	0
3511	0	0	1	128	0	0	0	0	0	0
3512	72	497	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	1	243	0	0	0	0	0	0
3515	0	0	3	10	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	1	126	0	0	0	0	25	90
3521	0	0	1	57	0	0	1	107	0	0
3522	14	338	8	300	0	0	0	0	68	399
3527	2	11	1	27	0	0	0	0	0	0
3528	0	0	1	126	0	0	0	0	0	0
3529	21	172	46	1291	0	0	1	24	0	0
3533	7	212	4	81	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	3	708	0	0	0	0	0	0
3543	1	25	6	74	15	65	2	13	0	0
3546	1	37	15	1375	0	0	0	0	0	0
3554	0	0	1	96	0	0	0	0	0	0
3556	0	0	1	29	0	0	0	0	0	0
3558	0	0	9	397	0	0	0	0	0	0
3559	6	99	42	667	0	0	1	86	0	0
3562	0	0	1	91	0	0	0	0	0	0
3564	4	140	9	205	0	0	0	0	0	0
3567	1	263	3	116	0	0	0	0	0	0
3571	6	28	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	1	3	78	457	0	0	9	127	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	5	38	7	309	0	0	1	8	0	0
4000	184	634	39	635	0	0	7	7	1	7
5000	197	109	17834	1229	40	76	827	340	1	1
CUT MO.	563	4216	18196	16418	55	141	862	1312	96	520
CUT YTD	9006	81707	51374	161634	324	2214	6108	26768	688	7081
1010	0	0	2	52	0	0	9	703	0	0
3582	5	45	5	64	0	0	5	19	0	0
3583	5	11	376	129	0	0	29	16	0	0
3584	0	0	0	0	0	0	0	0	0	0
3586	4	52	10	111	0	0	2	77	0	0
3587	1	12	34	314	0	0	0	0	0	0
3588	1	217	4	117	0	0	1	34	0	0
3589	1	21	2	28	0	0	6	172	0	0
3591	0	0	2	79	0	0	0	0	0	0
3592	4	932	16	381	0	0	27	273	0	0
3593	0	0	1	552	0	0	0	0	0	0
3594	1	5	1	658	0	0	1	5	0	0
3595	0	0	1	38	0	0	0	0	0	0
3596	3	41	18	206	0	0	2	70	0	0
3597	6	57	0	0	0	0	0	0	0	0
3598	0	0	2	330	0	0	1	5	0	0
3599	14	935	39	1950	0	0	34	2749	0	0
FRM MO.	45	2326	513	5008	0	0	117	4121	0	0
FRM YTD	2710	21996	5973	53298	19	251	1315	28042	30	7098
TOT MO.	608	6542	18709	21426	55	141	979	5433	96	520
TOT YTD	11716	83704	57347	214932	343	2465	7423	54811	718	14179

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1985

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	196	12598	3	178	0	0
3406	0	0	0	0	11	966	0	0	0	0
3409	2	46	0	0	51	5478	0	0	0	0
3411	0	0	0	0	27	2637	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	3	289	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	1	88	0	0	0	0
3328	0	0	0	0	16	859	0	0	0	0
3329	0	0	0	0	2	118	0	0	0	0
3334	0	0	0	0	3	41	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	4	139	0	0	0	0
3464	1	42	0	0	17	1745	0	0	0	0
3466	0	0	0	0	1	207	0	0	0	0
3467	0	0	0	0	1	5	0	0	0	0
3468	0	0	0	0	1	49	0	0	0	0
3469	0	0	0	0	11	159	0	0	0	0
3476	0	0	0	0	4	841	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	6	19	0	0	0	0
3507	0	0	0	0	219	12079	8	359	0	0
3509	0	0	0	0	61	4615	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	2	22	0	0	4	74	10	54	48	394
3513	0	0	0	0	2	96	0	0	0	0
3514	0	0	0	0	7	424	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	1	86	0	0	0	0
3521	0	0	0	0	23	1508	0	0	0	0
3522	0	0	0	0	23	1124	14	67	0	0
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	30	203	0	0	0	0
3533	0	0	0	0	2	302	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	3	50	0	0	4	108
3543	0	0	0	0	80	744	0	0	2	43
3546	0	0	0	0	9	478	0	0	0	0
3554	0	0	0	0	5	389	0	0	0	0
3556	2	22	0	0	3	216	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	10	1087	0	0	0	0
3562	0	0	0	0	73	3831	0	0	0	0
3564	0	0	0	0	10	1423	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	4	1164	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	3	221	28	533	1	3	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	1	8	102	2881	0	0	0	0
4000	2	26	0	0	36	688	1	2	1	20
5000	10	9	0	0	8298	1076	16	4	82	17
CUT MO.	19	168	4	229	9388	61307	53	668	137	582
CUT YTD	1337	2275	264	2880	100304	656545	2641	8396	2329	14614
1010	0	0	0	0	8	1925	0	0	0	0
3582	0	0	0	0	1	38	0	0	0	0
3583	0	0	0	0	341	113	0	0	2	5
3584	0	0	0	0	17	1651	0	0	0	0
3586	0	0	0	0	21	238	0	0	0	0
3587	0	0	0	0	2	9	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	41	1173	0	0	0	0
3591	0	0	0	0	10	25	0	0	0	0
3592	0	0	4	39	2	32	0	0	0	0
3593	0	0	0	0	1	13	0	0	0	0
3594	0	0	0	0	15	609	0	0	0	0
3595	0	0	1	12	1	15	0	0	0	0
3596	0	0	0	0	7	5604	2	17	0	0
3597	0	0	0	0	4	539	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	31	1140	0	0	0	0
FRM MO.	0	0	5	51	502	13122	2	17	2	5
FRM YTD	178	5	630	1160	17542	122041	81	81	16	168
TOT MO.	19	168	9	280	9890	74429	55	685	139	587
TOT YTD	1515	2280	894	4040	117846	778586	2722	8477	2345	14782

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1985

674:	TAIWAN UNITS	TAIWAN $000	AUSTRALIA UNITS	AUSTRALIA $000	ALL OTHERS UNITS	ALL OTHERS $000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	15	644	0	0	0	0
3406	11	614	0	0	0	0
3409	0	0	0	0	0	0
3411	4	160	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	4	148	0	0	0	0
3422	0	0	0	0	2	57
3423	0	0	0	0	0	0
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	29	125	0	0	0	0
3336	0	0	1	4	0	0
3342	5	13	0	0	0	0
3464	2	35	0	0	0	0
3466	0	0	0	0	0	0
3467	46	193	0	0	0	0
3468	0	0	0	0	0	0
3469	50	294	0	0	0	0
3476	0	0	0	0	0	0
3477	1	3	0	0	0	0
3481	0	0	0	0	0	0
3483	11	43	0	0	0	0
3507	19	467	1	9	0	0
3509	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	89	554	0	0	30	290
3513	12	144	0	0	0	0
3514	33	125	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	3	18	0	0	0	0
3521	2	79	0	0	0	0
3522	37	194	1	11	3	137
3527	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	31	138	0	0	1	5
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	18	68	0	0	0	0
3543	98	522	0	0	0	0
3546	0	0	0	0	0	0
3554	2	12	0	0	2	29
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	4	19	0	0	1	9
3562	0	0	0	0	0	0
3564	2	29	0	0	0	0
3567	0	0	0	0	0	0
3571	4	36	0	0	0	0
3576	0	0	0	0	0	0
3577	26	121	0	0	4	15
3578	0	0	0	0	0	0
3579	1	7	0	0	0	0
4000	107	384	0	0	9	68
5000	19015	3008	26	29	294	109
CUT MO.	19681	8194	29	53	346	718
CUT YTD	741937	123960	244	629	75926	8761
1010	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	547	129	0	0	72	140
3584	0	0	0	0	0	0
3586	0	0	0	0	2	18
3587	0	0	0	0	0	0
3588	1	12	0	0	0	0
3589	0	0	0	0	0	0
3591	0	0	0	0	0	0
3592	0	0	0	0	12	50
3593	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3596	0	0	0	0	0	0
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	0	0	0	0	1	10
FRM MO.	548	141	0	0	87	217
FRM YTD	12800	3652	22	122	1092	3779
TOT MO.	20229	8335	29	53	433	935
TOT YTD	754737	127612	266	751	77018	12539

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
NOVEMBER 1985

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	9	78	0	0	9	78
EAST GERMANY	5	202	0	0	5	202
FINLAND	5	2	0	0	5	2
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	0	0	1	2	1	2
POLAND	29	274	0	0	29	274
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	48	556	1	2	49	557
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	1	4	1	4
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	273	78	78	157	351	235
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	273	78	79	162	352	239
OTHER SOUTH AMERICA						
ARGENTINA	0	0	0	0	0	0
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	3	4	3	7	6	11
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	3	4	3	7	6	11

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
NOVEMBER 1985

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	13	29	0	0	13	29
INDIA	3	19	2	24	5	43
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	3	10	1	10	4	19
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	19	57	3	34	22	91
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	1	13	1	13
GHANA	1	15	0	0	1	15
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	2	9	0	0	2	9
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	3	24	1	13	4	37

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1985

RELEASED: FEBRUARY 26, 1986

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	16	2352	1	39
3045	Gear Cutting Machines, N.E.C.	42	12439	4	922
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	19	1290	2	269
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	5	787	2	385
3209	Horizontal Machining Centers, ATC, NC	28	7655	3	1154
3211	Machining Centers, NC, N.E.C.	94	8652	13	1691
3216	Single Station and Multi-Station Transfer Machines	8	2370	1	99
3225	Way Type Machines (Unit Heads)	6	1844	1	950
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	15	5292	0	0
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	0	0	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	10	4393	0	0
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	19	1892	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	26	768	0	0
3254	Drilling Machines, NC	17	2245	0	0
3255	Drilling Machines, Multi-Spindle, Non-NC	20	1590	3	57
3256	Drilling Machines, Radial, Non-NC	47	370	3	27
3257	Drilling Machines, Upright, Single Spindle, Non-NC	7	263	0	0
3258	Drilling Machines, Non-NC, N.E.C.	84	1886	7	266
3264	Milling Machines, NC	11	5308	0	0
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	49	851	2	23
3267	Milling Machines, Knee Type, Non-NC	5	118	0	0
3268	Milling Machines, Bed Type, Non-NC	16	7812	0	0
3269	Milling Machines, Non-NC, N.E.C.	237	4507	5	291
3276	Vertical Boring Machines, Incl. VTL's, NC	11	1281	1	125
3277	Vertical Boring Machines, Incl. VTL's Non-NC	61	2466	3	250
3281	Boring Machines, NC, N.E.C.	6	731	0	0
3283	Boring Machines, Non-NC, N.E.C.	77	4817	3	204
3504	Horizontal Lathes, NC, Less Than 25 HP	87	6487	7	478
3506	Horizontal Lathes, NC, 25-50 HP	19	2606	1	124
3508	Horizontal Lathes, NC, Over 50 HP	14	4405	1	208
3510	Horizontal Engine & Toolroom Lathes, Non-NC	131	1922	7	146
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	7	429	0	0
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	19	1154	0	0
3515	Automatic Bar Machines, Single-Spindle, Non-NC	16	463	3	81
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	23	1654	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	306	5749	16	675
3519	Vertical Lathes, Excl. VTL's, NC	75	8806	0	0
3525	Vertical Lathes, Excl. VTL's, Non-NC	233	11806	3	121
3528	Grinding, Polishing, Honing & Lapping Machines, NC	47	6862	3	392
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	33	2994	0	0
3531	Tool & Cutter Grinding Machines, Non-NC	116	4296	6	457
3532	Honing & Lapping Machines, Non-NC	167	2923	17	148
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	80	1726	4	32
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	266	10408	12	401
3541	External Grinding Machines, Non-NC	44	5124	2	207
3542	Internal Grinding Machines, Non-NC	10	1961	0	0
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	122	7784	7	848
3546	Grinding Machines, Non-NC, N.E.C.	384	7719	21	185
3547	Traveling Wire Electrical Discharge Machines	0	0	0	0
3549	All Other Electrical Discharge Machines	110	4869	14	391
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	6	185	3	58
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	39	1658	7	495
3559	Metal Cutting Machine Tools, NC, N.E.C.	40	2393	0	0
3565	Sawing & Cut-Off Machines, Non-NC	436	9746	37	1119
3566	Broaching Machines, Non-NC	11	969	0	0
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	247	6783	23	1286
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	3366	38974	502	8406
5000	Metal Cutting Machine Tools, Less Than $2500**	26278	8709	1664	853
	TOTAL CUTTING			2414	23869
	TOTAL CUTTING YTD	33668	255609		
674:	METAL FORMING				
1011	Die Casting Machines & Parts	0	12912	0	685
3568	Metal Forming Machine Tools, Used Or Rebuilt	530	7916	19	292
3569	Metal Forming Machine Tools, Less Than $2500	5314	3378	300	220
3571	Punching & Shearing Machines, Incl. Combination, NC	35	2895	2	176
3573	Shearing Machines, Non-NC	40	3859	2	597
3575	Punching & Combination Punching & Shearing Machines, Non-NC	363	8340	25	445
3578	Bending, Folding, Straightening & Flattening Machines, NC	115	8745	13	748
3582	Press Brakes, Non-NC	16	507	2	6
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	13	439	0	0
3584	Bending, Folding, Str.. & Flattening Machines, Non-NC, N.E.C.	492	17724	28	1329
3588	Mechanical Presses, Non-NC	192	14466	16	1831
3589	Hydraulic Presses, Vertical, Single Action, Non-NC	31	2300	0	0
3590	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	637	21205	46	1171
3594	Headers & Upsetters, Non-NC	58	7662	8	1164
3595	Forging Machines, Non-NC, N.E.C.	107	3545	4	237
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	646	35216	85	2694
	TOTAL FORMING			550	11597
	TOTAL FORMING YTD	8589	151139		
	TOTAL ALL TYPES			2964	35466
	TOTAL ALL TYPES YTD	42257	406748		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.
**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1985

674:	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	1	167	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	86	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	132	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	1	109	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	1	25	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	5	0	0
4000	0	0	2	112	0	0	60	231	0	0
5000	0	0	20	30	0	0	139	9	0	0
CUT MO.	1	132	22	141	1	167	203	465	0	0
CUT YTD	25	636	1024	1222	34	733	243	2803	35	1190
1011	0	0	0	0	0	0	0	4	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	2	4	0	0	8	2	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	3	18
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	1	109	2	267	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	0	0	2	4	1	109	10	273	3	18
FRM YTD	0	46	31	516	49	160	239	3067	18	558
TOT MO	1	132	24	145	2	275	213	738	3	18
TOT YTD	25	682	1055	1739	83	893	482	5870	53	1748

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1985

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	2	403	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	1	253	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	1	159	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	2	422	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	2	17	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	36	3903	0	0	0	0	0	0	0	0
5000	24	11	21	10	0	0	0	0	18	27
CUT MO.	63	4589	23	27	2	403	1	159	18	27
CUT YTD	552	8122	237	1521	6	902	85	2999	192	3184
1011	0	40	0	0	0	0	0	3	0	53
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	11	10	0	0	1	1	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	18	0	0	0	0	0	0	0	0
FRM MO.	1	58	11	10	0	0	1	4	0	53
FRM YTD	56	2301	42	1188	7	199	30	388	22	413
TOT MO.	64	4647	34	36	2	403	2	163	18	80
TOT YTD	608	10423	279	2709	13	1101	115	3386	214	3598

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1985

674:	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	369	0	0	0	0	0	0
3204	0	0	0	0	0	0	1	103	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	1	13	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	1	66	0	0	1	5	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	1	92	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3504	0	0	2	118	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	5	55	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	14	124	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	1	220	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	42	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	3	50	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	32	0	0	3	647	0	0
4000	0	0	150	471	0	0	8	34	0	0
5000	0	0	69	43	0	0	113	27	0	0
CUT MO.	0	0	234	1259	0	0	142	1252	0	0
CUT YTD	643	2183	1903	18530	3	125	2442	11447	17	270
1011	0	0	0	12	0	0	0	18	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	3	3	0	0	25	12	0	0
3571	0	0	0	0	0	0	1	43	0	0
3573	0	0	0	0	0	0	1	37	0	0
3575	0	0	1	53	0	0	0	0	0	0
3578	0	0	0	0	0	0	1	117	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	285	0	0	5	157	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	2	48	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	2	78	7	258	0	0	1	147	0	0
FRM MO.	2	78	12	611	0	0	36	579	0	0
FRM YTD	19	952	133	11023	0	0	837	9488	4	198
TOT MO.	2	78	246	1870	0	0	178	1830	0	0
TOT YTD	662	3115	2036	29552	3	125	3279	20935	21	468

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1985

	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	1	39	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	1	87	0	0	0	0	0	0
3209	0	0	2	901	0	0	0	0	0	0
3211	0	0	0	0	3	240	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	1	950	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	3	57	0	0	0	0	0	0
3256	0	0	0	0	2	14	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	2	26	1	8	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	1	9	1	15	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	17	0	0	0	0	0	0
3276	0	0	0	0	1	125	0	0	0	0
3277	0	0	1	135	2	115	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	2	68	0	0	0	0
3504	0	0	2	143	1	50	0	0	0	0
3506	0	0	1	124	0	0	0	0	0	0
3508	0	0	1	208	0	0	0	0	0	0
3510	0	0	2	31	1	10	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	2	9	0	0	1	72
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	1	3	7	191	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3525	1	17	0	0	1	80	0	0	0	0
3528	0	0	1	64	1	28	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	3	18	1	14	0	0	0	0
3532	0	0	0	0	2	17	0	0	0	0
3533	0	0	4	32	0	0	0	0	0	0
3538	0	0	0	0	4	32	3	48	0	0
3541	0	0	2	207	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	1	17	1	12	0	0	0	0
3546	0	0	7	61	4	50	8	37	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	3	23	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	4	353	2	36	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	3	17	7	112	7	177	0	0	1	12
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	4	167	10	174	0	0	0	0
4000	4	885	9	199	203	2176	4	19	0	0
5000	36	45	266	140	252	229	15	11	5	1
CUT MO.	44	963	324	3082	517	4898	31	122	7	85
CUT YTD	243	2771	8422	40745	4418	34017	551	2035	733	1062
1011	0	5	0	204	0	9	0	7	0	0
3568	0	0	0	0	16	247	0	0	1	2
3569	0	0	68	49	77	89	2	1	0	0
3571	0	0	1	133	0	0	0	0	0	0
3573	0	0	1	560	0	0	0	0	0	0
3575	0	0	5	28	4	36	3	45	0	0
3578	0	0	1	23	10	556	0	0	0	0
3582	0	0	0	0	2	6	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	6	241	7	132	0	0	0	0
3588	0	0	1	10	5	249	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	3	82	32	888	0	0	0	0
3594	0	0	1	428	4	33	0	0	0	0
3595	0	0	1	8	2	215	0	0	0	0
3598	0	0	3	155	25	680	1	5	0	0
FRM MO.	0	5	91	1919	184	3139	6	59	1	2
FRM YTD	58	2732	3037	29287	1737	21047	136	1179	5	77
TOT MO.	44	968	415	5001	701	8037	37	181	8	87
TOT YTD	301	5503	11459	76032	6155	55064	687	3214	738	1139

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1985

674:	BRAZIL		COLOMBIA		VENEZUELA		OTH S AM.		CHINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	1	150	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	1	298
3209	0	0	0	0	0	0	0	0	0	0
3211	1	703	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	4	105
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	1	300
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	1	7	2	42
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	1	8	6	270
5000	1	2	0	0	5	11	35	15	2	4
CUT MO.	2	705	0	0	5	11	38	180	16	1019
CUT YTD	1029	16978	120	2154	485	5386	336	494	222	19942
1011	0	1	0	0	0	0	0	27	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	1	120	0	0	0	0
3578	1	53	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	4	392
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	1	13
3598	30	629	0	0	0	0	0	0	1	16
FRM MO.	31	683	0	0	1	120	0	27	6	421
FRM YTD	52	3751	48	1478	32	1275	22	153	59	4056
TOT MO.	33	1388	0	0	6	131	38	207	22	1440
TOT YTD	1081	20729	168	3632	517	6661	358	648	291	23998

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1985

	HONG KONG		INDIA		ISRAEL		JAPAN		KOREAN REP.	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	1	59	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	2	424	0	0	0	0	0	0
3532	1	8	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	1	54	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	3	809	0	0
3546	0	0	1	31	0	0	1	5	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	8	189	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	1	107	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	11	450	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	1	163
4000	0	0	3	57	0	0	2	2	0	0
5000	6	7	0	0	0	0	433	68	55	15
CUT MO.	8	122	6	513	0	0	460	1636	56	178
CUT YTD	338	3033	1148	4167	53	2599	2875	18008	859	7883
1011	0	0	0	1	0	5	0	59	0	0
3568	0	0	0	0	0	0	2	43	0	0
3569	0	0	0	0	0	0	5	7	41	14
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	1	101	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	58	0	0
3588	0	0	1	68	0	0	5	1113	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	8	111	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	1	24	1	277	0	0
FRM MO.	0	0	1	69	1	29	23	1770	41	14
FRM YTD	59	1257	91	2166	69	1252	377	14093	88	5056
TOT MO.	8	122	7	582	1	29	483	3406	97	192
TOT YTD	397	4290	1239	6334	122	3851	3252	32101	947	12939

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1985

	PAKISTAN		PHILIPPINES		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	7	201	0	0
3216	1	99	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	75	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	1	136	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	2	11
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	1	13
3551	0	0	0	0	0	0	0	0	3	58
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	1	65
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	6	1	76	0	0
4000	0	0	2	7	0	0	0	0	0	0
5000	0	0	0	0	3	6	49	61	0	0
CUT MO.	1	99	2	7	5	148	58	413	7	146
CUT YTD	76	2539	114	646	302	2092	456	7154	1135	3734
1011	0	0	0	0	0	0	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	2	1
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	6	41	1	4
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	2	54	0	0	0	0	1	10
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	6	96	0	0
FRM MO.	0	0	2	54	0	0	12	137	4	14
FRM YTD	6	327	24	565	90	632	275	4561	117	2506
TOT MO.	1	99	4	60	5	148	70	550	11	161
TOT YTD	82	2867	138	1210	392	2725	731	11715	1252	6241

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1985

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	2	49	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	125	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	2	220	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	20	11	11	0	0	0	0	0	0
5000	0	0	62	45	26	30	9	9	0	0
CUT MO.	1	20	78	449	26	30	9	9	0	0
CUT YTD	88	3525	803	6370	879	2528	16	400	0	0
1011	0	0	0	235	0	3	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	53	25	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	42	0	0	0	0	0	0
3594	3	703	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	31	0	0	0	0	0	0
FRM MO.	3	703	55	333	0	3	0	0	0	0
FRM YTD	10	1536	110	3793	283	10275	244	227	4	42
TOT MO.	4	723	133	782	26	33	9	9	0	0
TOT YTD	98	5061	913	10163	1162	12804	280	718	4	42

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1985

	EGYPT		REP S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	1	388	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	0	0	0	0	0	0
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	1	5	0	0	0	0
3519	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	1	16
4000	0	0	0	0	0	0
5000	0	0	0	0	0	0
CUT MO.	2	393	0	0	1	16
CUT YTD	127	1449	226	866	153	1029
1011	0	0	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	2	2	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	2	17
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	4	100	1	180
FRM MO.	0	0	6	102	3	197
FRM YTD	21	807	17	3716	21	2764
TOT MO.	2	393	6	102	4	212
TOT YTD	148	2255	243	4583	174	3793

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
NOVEMBER 1985

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	4	885	0	0	4	885
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	6	12	0	1	6	13
GIBRALTAR	0	0	0	0	0	0
GREECE	6	1	0	0	6	1
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	24	32	0	0	24	32
PORTUGAL	4	33	0	3	4	36
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	44	963	0	5	44	968
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	3	2	0	0	3	2
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	2	1	2	1
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	4	10	2	37	6	48
DOMINICAN REP	1	35	0	0	1	35
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	2	13	0	0	2	13
HAITI	0	0	1	15	1	15
HONDURAS	6	30	0	0	6	30
JAMAICA	6	4	0	0	6	4
LW & WW IS.	1	8	0	0	1	8
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	1	5	0	0	1	5
SALVADOR	0	0	0	0	0	0
TRINIDAD	7	15	1	5	8	20
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	31	122	6	59	37	181
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	1	2	0	0	1	2
ECUADOR	34	12	0	27	34	39
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	3	165	0	0	3	165
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	38	180	0	27	38	207
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
NOVEMBER 1985

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	58	39	0	0	58	39
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
INDONESIA	1	1	1	42	2	43
IRAN	2	49	0	235	2	284
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	1	2	31	48	32	50
LEBANON	0	0	0	0	0	0
MALAYSIA	2	287	0	0	2	287
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
QATAR	3	60	0	0	3	60
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	11	11	23	8	34	19
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	78	449	55	333	133	782
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	1	180	1	180
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	1	16	2	17	3	32
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	1	16	3	197	4	212

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. = NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.